

REMARKS

Claims 1-15 are pending in this application. Claims 1 and 5 are amended and claims 11-15 are added herein. Applicant respectfully requests reconsideration of the claims in view of the following remarks.

Claims 4-6 were objected to for being dependent upon a rejected claim, but would be allowable if rewritten in independent form. New claim 11 has all of the limitations of claim 4 including all limitations of the base claim and intervening claim. Similarly, new claim 12 includes all of the limitations of the base claim and the limitations added by claim 4. New claims 13 and 14 are the same as claims 5 and 6 except they depend from new claim 12.

The independent claim 1 and dependent claims 7-10 were rejected under 35 U.S.C. §102(a) as being anticipated by Yang (U.S. Patent No. 6,159,810). However, independent claim 1 has now been amended to include additional limitations in element c) and d) nowhere taught in the Yang reference. More specifically, both elements now require that the first and second heavy ion implantation be limited to a top portion of the undoped silicon so that a layer of a-Si is formed while at the same time leaving a layer of undoped polysilicon between the gate oxide layer and the layer of a-Si formed by the ion implantation. No new matter has been added as this limitation is fully supported in the specification (see, page 7, lines 3 and 4).

In addition, a new dependent claim 15 related to the thickness of the remaining undoped polysilicon layer has been added to assure more complete coverage of Applicant's invention.

Applicant has made a diligent effort to place the claims in condition for allowance. However, should there remain unresolved issues that require adverse action, it is respectfully requested that the Examiner telephone James C. Kesterson, Applicant's attorney at 972-732-1001

so that such issues may be resolved as expeditiously as possible. No fee is believed due in connection with this filing. However, should one be deemed due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1065.

Respectfully submitted,

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Date

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